



05/15/04

EPW

Attorney Docket No.: 60919 (70551)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Tetsuya INUI, et al.

EXAMINER: Not Yet Assigned

U.S.S.N.: 10/789,085

GROUP: Not Yet Assigned

FILED: February 27, 2004

FOR: CRYSTAL GROWTH APPARATUS AND CRYSTAL GROWTH METHOD  
FOR SEMICONDUCTOR THIN FILM

**CERTIFICATE OF EXPRESS MAILING (Label No.: EV 438977817 US)**

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. section 1.10, on May 12, 2004 and is addressed to the Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

By Nicole McKinnon  
Nicole M. McKinnon

Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications or other information submitted for consideration by the Office are listed on Form PTO-1449, attached hereto.

II. COPIES

- a.   X   Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- b.        This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application Serial No.       , filed on       . The following references were submitted to, and/or cited by, the Office in the prior application (s) and, therefore, are not required to be provided in this application.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

- a.        Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b.   X   A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:  
English translations of the Abstracts for two Japanese Patents listed on the attached 1449 Form are attached.
- c.        The following additional information is provided for the Examiner's consideration:

**FEES**

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)  
(check one box)

- a.   X   within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1). No fee or certification is required.
- b.        within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2). No fee or certification is required.

- c. \_\_\_\_\_ Before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):  
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

- a. \_\_\_\_\_ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).  
or  
b. \_\_\_\_\_ See the certification below. No fee is required.

VI. STATEMENT UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby states that

- a. \_\_\_\_\_ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- b. \_\_\_\_\_ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.
- c. \_\_\_\_\_ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication

Inventor(s): Tetsuya INUI, et al.  
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from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

\_\_\_\_ Please charge Deposit Account No. 04-1105 in the amount of \$180.00 for the above-indicated fee. A triplicate copy of this paper is attached.

  X   No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule, with a petition if necessary, and charge the appropriate fee to Deposit Account No. **04-1105**.

Respectfully submitted,

Date: May 12, 2004  
Customer No. 21874  
444180

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<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE STATEMENT</b>	<b>DOCKET NO:</b> 60919 (70551)	<b>SERIAL NO.:</b> 10/789,085
	<b>APPLICANT(S):</b> Tetsuya INUI, et al.	
	<b>FILING DATE:</b> February 27, 2004	<b>GROUP NO.:</b> Not Yet Assigned

**UNITED STATES PATENT DOCUMENTS**

EXAM. INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
	BA 11-307450	11/05/99	JAPAN	H01L	21/20	ABSTRACT
	BB 58-201326	11/24/83	JAPAN	H01L	21/26	ABSTRACT
	BC WO 97/45827	12/04/97	PCT	G09G	3/36	YES

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**

	CA	Akito Hara, et al., "Nucleus Formation Site of Silicon on Glass and Solidification Direction Control – Aiming to Form Monocrystalline Silicon Si-TFT" Textbook of the 112 <sup>th</sup> workshop of Division of Materials Science and Crystal Technology of the Japan Society of Applied Physics, Division of Materials Science and Crystal Technology of the Japan Society of Applied Physics, pp. 19-25 (2000).

<b>EXAMINER:</b>	<b>DATE:</b>
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**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**

Applicant(s): Tetsuya INUI, et al.

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Docket No.

060919 (70551)

Serial No.

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Filing Date

February 27, 2004

Examiner

Not Yet Assigned

Group Art Unit

Not Yet Assigned

Invention:

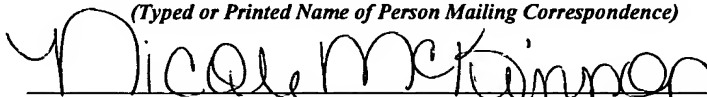
**CRYSTAL GROWTH APPARATUS AND CRYSTAL GROWTH METHOD FOR SEMICONDUCTOR THIN FILM**

I hereby certify that the following correspondence:

Information Disclosure Statement (along with related documents)

*(Identify type of correspondence)*

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May 12, 2004*(Date)*Nicole M. McKinnon*(Typed or Printed Name of Person Mailing Correspondence)*  
*(Signature of Person Mailing Correspondence)*EV 438977817 US*("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**